

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for managing a peer-to-peer collaboration system, the method comprising:
 - (a) using client software operating in a first device and a second device ~~devices~~ to connect a first user of the first device ~~having an identity~~ to a second user of the second device, ~~having an identity in a shared private space~~ without the assistance of a server so that collaborative information is sent directly between the first user and second ~~users~~ user without an intervening server, the first user having a first identity in a shared private space and the second user having a second identity in the shared private space;
 - (b) sending a request from a management server to the first user to become a managed entity;
 - (c) downloading from the management server to the client software a definition file containing a definition of the managed entity; and
 - (d) associating information in the definition file with the first user identity and device information in the client software operating in the first device in order to create [[a]] the managed entity.
2. (Previously presented) The method of claim 1 wherein the managed entity is a managed user and the definition file is an injectible identity file.
3. (Previously presented) The method of claim 1 wherein the managed entity is a managed device and the definition file is a device information file.
4. (Original) The method of claim 3 wherein the device information file is a Windows REG file.
5. (Previously presented) The method of claim 1 further comprising:

- (e) sending at least one license file from the management server to the managed user;
and
 - (f) in response to information in the license file, enabling at least one function in the client software.
6. (Previously presented) The method of claim 1 further comprising:
- (g) sending at least one policy restriction file from the management server to the managed user; and
 - (h) in response to information in the policy restriction file, restricting at least one function in the client software.
7. (Currently Amended) The method of claim 1 further comprising:
- (i) creating a client list of licensed components and policy restrictions in the client software of the managed user;
 - (j) sending the client list to the management server;
 - (k) creating a server list of licensed components and policy restrictions in the management server;
 - (l) comparing the client list to the server list; and
 - (m) adjusting and synchronizing the components in the client software based on the comparison on step ~~(k)~~-(l).
8. (Previously presented) The method of claim 7 wherein step (m) comprises downloading and installing licensed components from the management server to the client software which components are on the server list and are not on the client list.
9. (Previously presented) The method of claim 7 wherein step (m) further comprises revoking licenses in the client software of components are on the client list and are not on the server list.

10. (Previously presented) The method of claim 7 wherein steps (i) to (m) are repeated periodically.

11. (Previously presented) The method of claim 1 further comprising:

- (n) periodically sending event notifications and statistical information from the client software of the managed user to the management server.

12. (Original) The method of claim 11 wherein the event notifications include error notifications.

13. (Original) The method of claim 11 wherein event notifications and statistical information are temporarily stored in a memory located at a client site.

14. (Currently Amended) Apparatus for managing a peer-to-peer collaboration system, the apparatus comprising:

client software operating in a first device and a second device, the software connecting devices that connects a first user of the first device having an identity to a second user having an identity in a shared private space without the assistance of a server so that collaborative information is sent directly between the first and second users without an intervening server, the first user having a first identity in a shared private space and the second user having a second identity in the shared private space;

management software that sends a request from a management server to the first user to become a managed entity;

a download manager that downloads from the management server to the client software a definition file containing a definition of the managed entity; and

a mechanism in the client software that associates the definition information with the first user identity and device information ~~in the client software~~ operating in the first device in order to create ~~[[a]] the managed user entity.~~

15. (Previously presented) The apparatus of claim 14 wherein the managed entity is a managed user and the definition file is an injectible identity file.

16. (Previously presented) The apparatus of claim 14 wherein the managed entity is a managed device and the definition file is a device information file.

17. (Original) The apparatus of claim 16 wherein the device information file is a Windows REG file.

18. (Original) The apparatus of claim 14 further comprising:

license control software in the management server that sends at least one license file from the management server to the managed user; and

license control software in the client software that, in response to information in the license file, enables at least one function in the client software.

19. (Original) the apparatus of claim 14 further comprising:

policy control software in the management server that sends at least one policy restriction file from the management server to the managed user; and

policy control software in the client software that, in response to information in the policy restriction file, restricts at least one function in the client software.

20. (Original) The apparatus of claim 14 further comprising:

management software in the management server that creates a client list of licensed components and policy restrictions in the client software of the managed user;

a transport mechanism that sends the client list to the management server;

management software in the client software that creates a server list of licensed components and policy restrictions in the management server;

a mechanism that compares the client list to the server list; and

a mechanism that adjusts and synchronizes the components in the client software in cooperation with the comparison mechanism.

21. (Original) The apparatus of claim 20 wherein the adjusting and synchronizing mechanism comprises a download manager that downloads and installs licensed components from the management server to the client software which components are on the server list and are not on the client list.

22. (Original) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism further comprises a mechanism that revokes licenses in the client software of components are on the client list and are not on the server list.

23. (Original) The apparatus of claim 21 wherein the adjusting and synchronizing mechanism operates periodically.

24. (Original) The apparatus of claim 14 further comprising:
customer service management software that periodically sends event notifications and statistical information from the client software of the managed user to the management server.

25. (Original) The apparatus of claim 24 wherein the event notifications include error notifications.

26. (Original) The method of claim 24 wherein event notifications and statistical information are temporarily stored in a memory located at a client site.

27. (Currently Amended) A computer program product for managing a peer-to-peer collaboration system, the computer program product comprising a computer usable medium having computer readable program code thereon, including:

program code operable in devices for connecting a first user ~~having an identity~~ to a second user ~~having an identity in a shared private space~~ without the assistance of a server so that collaborative information is sent directly between the first and second users without an intervening server, the first user having a first identity in a shared private space and the second user having a second identity in the shared private space;

program code for sending a request from a management server to the first user to become a managed entity;

program code for downloading from the management server to the client software a definition file containing a definition of the managed entity; and

program code for associating information in the definition file with the first user identity and device information in the client software in order to create [[a]] the managed entity.

28. (Previously presented) The computer program product of claim 27 wherein the managed entity is a managed user and the definition file is an injectible identity file.

29. (Previously presented) The computer program product of claim 27 wherein the managed entity is a managed device and the definition file is a device information file.

30. (Original) The computer program product of claim 29 wherein the device information file is a Windows REG file.

31. (Original) The computer program product of claim 27 further comprising:

program code for sending at least one license file from the management server to the managed user; and

program code that responds to information in the license file for enabling at least one function in the client software.

32. (Original) The computer program product of claim 27 further comprising:

program code for sending at least one policy restriction file from the management server to the managed user; and

program code that responds to information in the policy restriction file for restricting at least one function in the client software.

33. (Original) The computer program product of claim 27 further comprising:

program code for creating a client list of licensed components and policy restrictions in the client software of the managed user;

program code for sending the client list to the management server;

program code for creating a server list of licensed components and policy restrictions in the management server;

program code for comparing the client list to the server list; and

program code that cooperates with the comparing program code for adjusting and synchronizing the components in the client software.

34. (Original) The computer program product of claim 33 wherein the program code for adjusting and synchronizing the components comprises program code for downloading and installing licensed components from the management server to the client software which components are on the server list and are not on the client list.

35. (Original) The computer program product of claim 33 wherein the program code for adjusting and synchronizing the components further comprises program code for revoking licenses in the client software of components are on the client list and are not on the server list.

36. (Original) The computer program product of claim 33 wherein program code for adjusting and synchronizing the components operates periodically.

37. (Original) The computer program product of claim 27 further comprising:

program code for periodically sending event notifications and statistical information from the client software of the managed user to the management server.

38. (Original) The computer program product of claim 37 wherein the event notifications include error notifications.

39. (Previously presented) The computer program product of claim 37 further comprising program code for temporarily storing event notifications and statistical information in a memory located at a client site.

40. (Canceled).

41. (Currently Amended) Apparatus for managing a peer-to-peer collaboration system in which users having identities are directly connected to each other in a shared private space by client software operating in devices and wherein the users can communicate with a management server using the client software, the apparatus comprising:

means operable in devices for connecting a first user having an identity in the shared private space to a second user having an identity in [[a]] the shared private space without the assistance of a server so that collaborative information is sent directly between the first and second users without an intervening server;

means for sending a request from a management server to the first user to become a managed entity;

means for downloading from the management server to the client software a definition file containing a definition of the managed entity; and

means in the client software for associating the definition of the managed entity information with the first user identity and device information in the client software in order to create [[a]] the managed ~~user~~ entity.

42. (Previously presented) The apparatus of claim 41 wherein the managed entity is a managed user and the definition file is an injectible identity file.

43. (Previously presented) The apparatus of claim 41 wherein the managed entity is a managed device and the definition file is a device information file.

44. (Original) The apparatus of claim 43 wherein the device information file is a Windows REG file.

45. (Original) The apparatus of claim 41 further comprising:
means for sending at least one license file from the management server to the managed user;
and
means responsive to information in the license file for enabling at least one function in the client software.

46. (Original) The apparatus of claim 41 further comprising:
means for sending at least one policy restriction file from the management server to the managed user; and
means responsive to information in the policy restriction file for restricting at least one function in the client software.